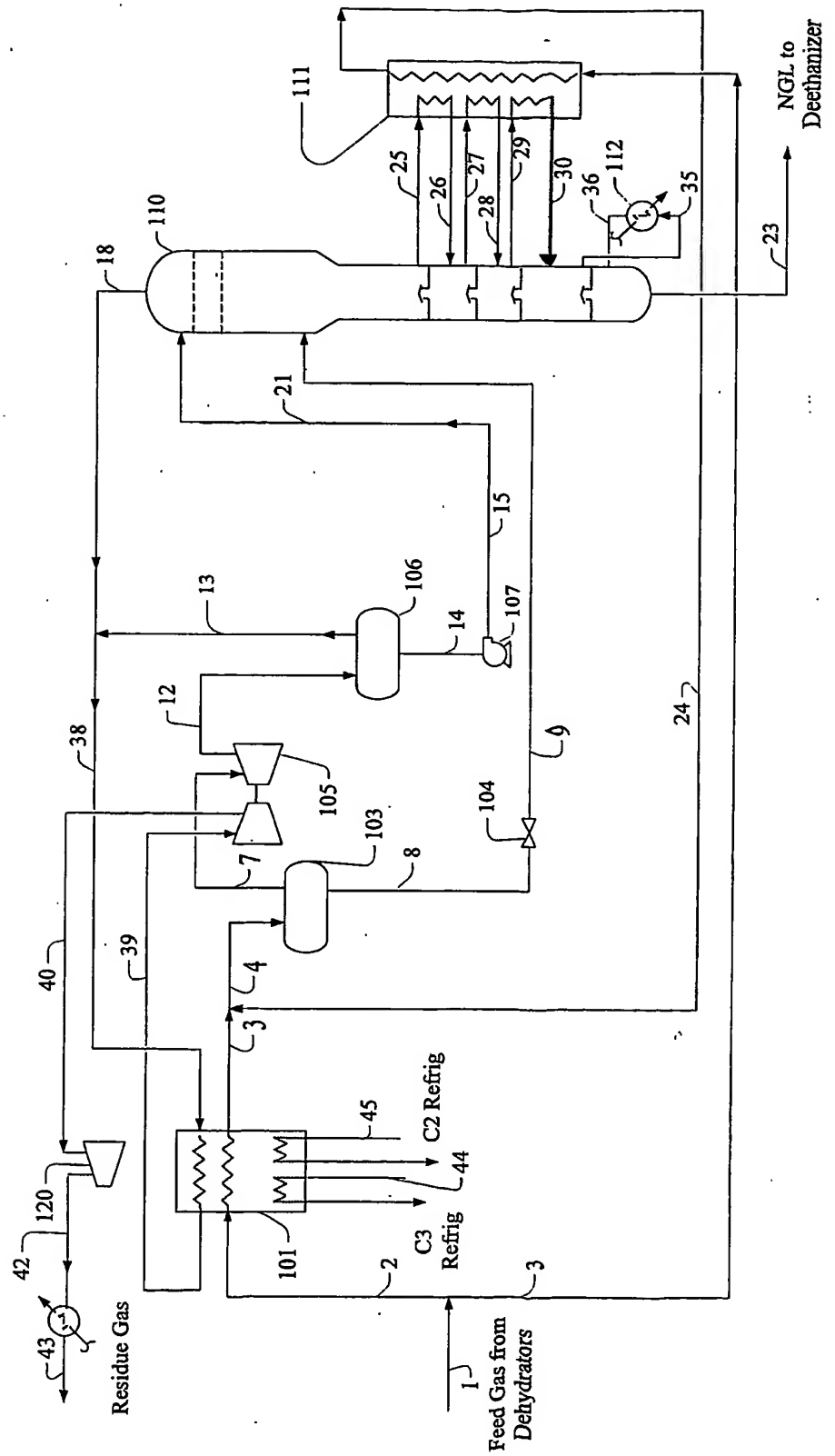

Figure 1
- Prior Art -

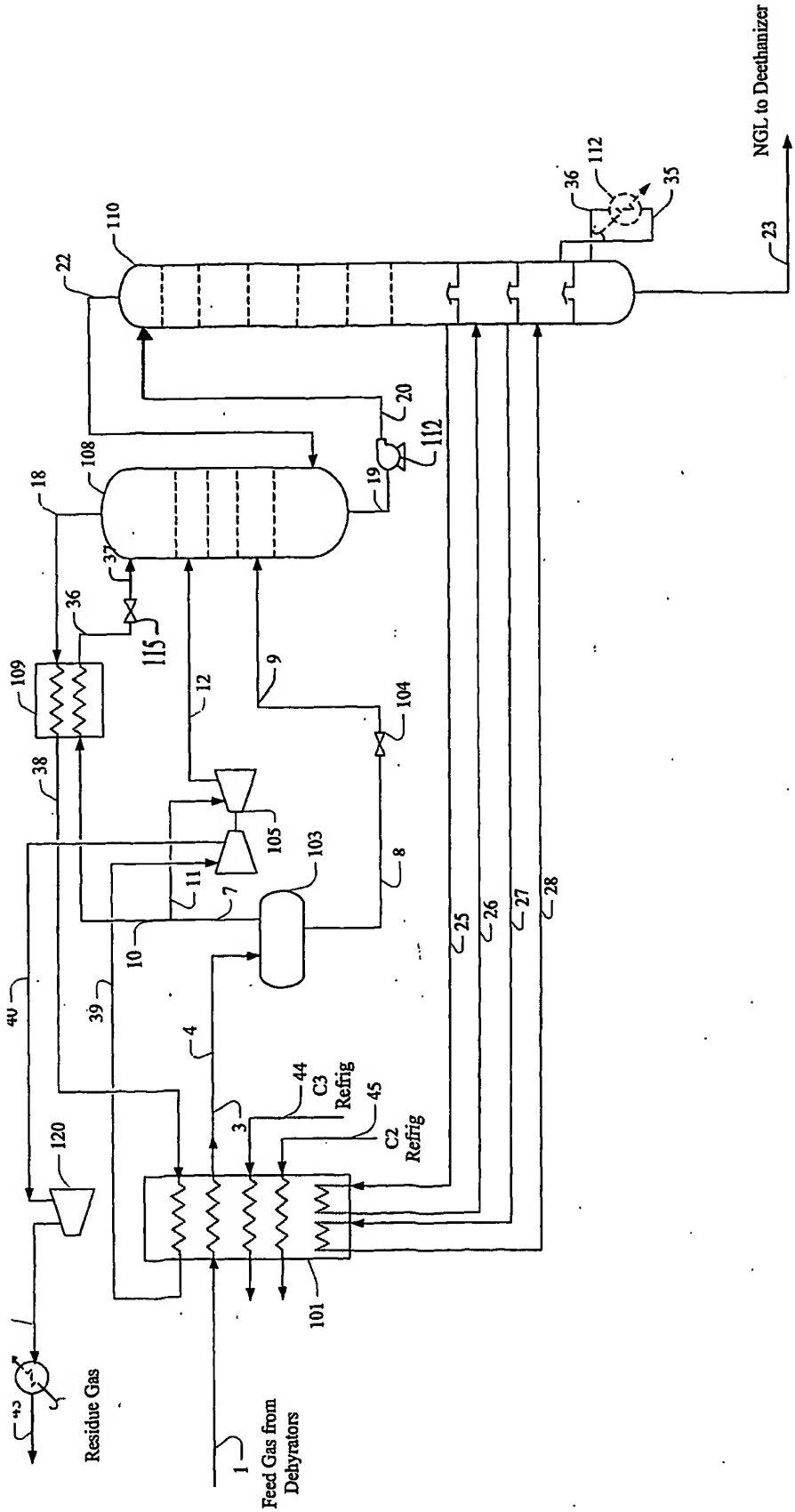

Figure 2
- Prior Art -

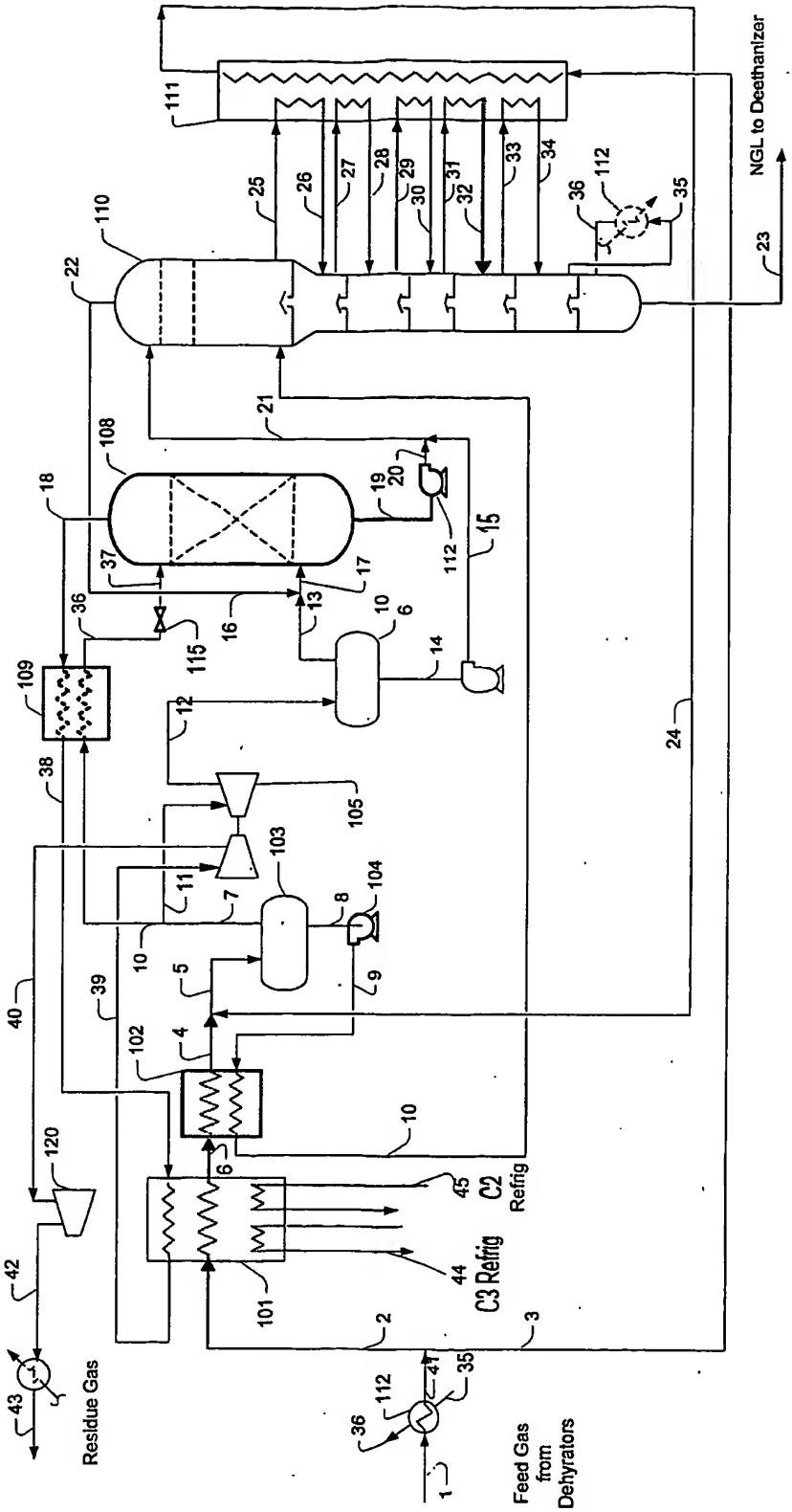
NGL to Deethanizer
Residue Gas
Feed Gas from Dehyrators
C3 Refrig
C2 Refrig

Figure 3

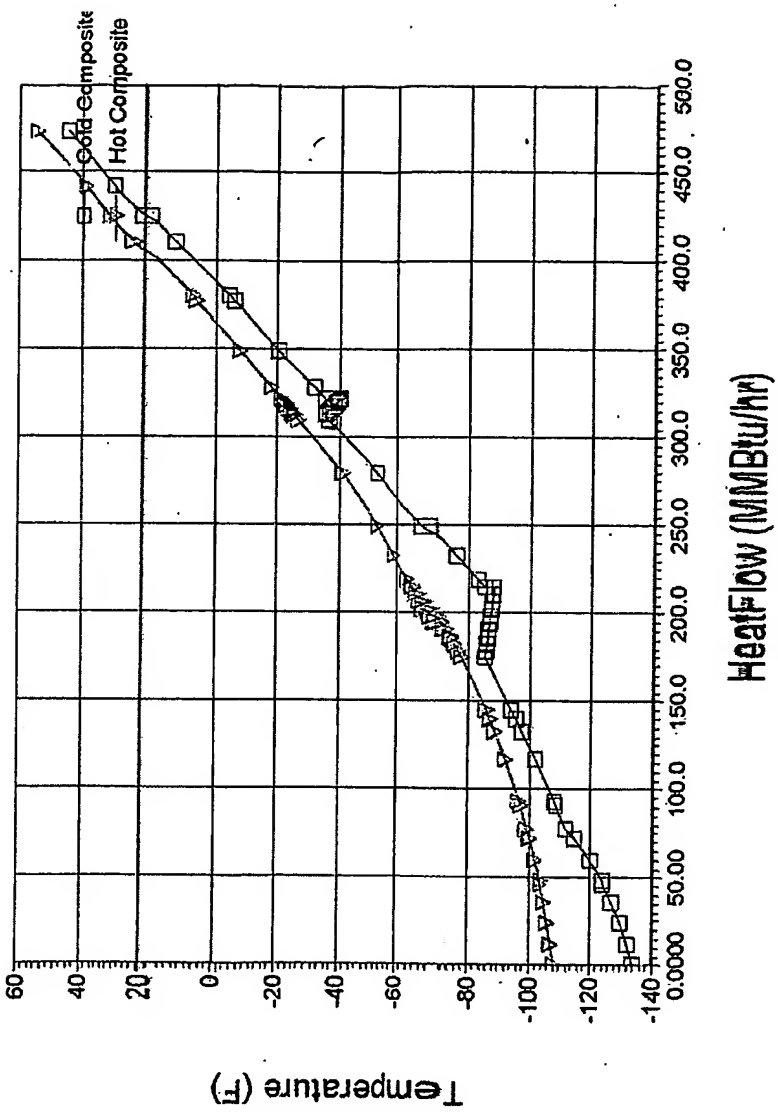
Cold Composite
Hot Composite
60
40
20
0
-20
-40
-60
-80
-100
-120
-140
0.0000
50.00
100.0
150.0
200.0
250.0
300.0
350.0
400.0
450.0
500.0
Temperature (F)
HeatFlow (MMBtu/hr)

Figure 4

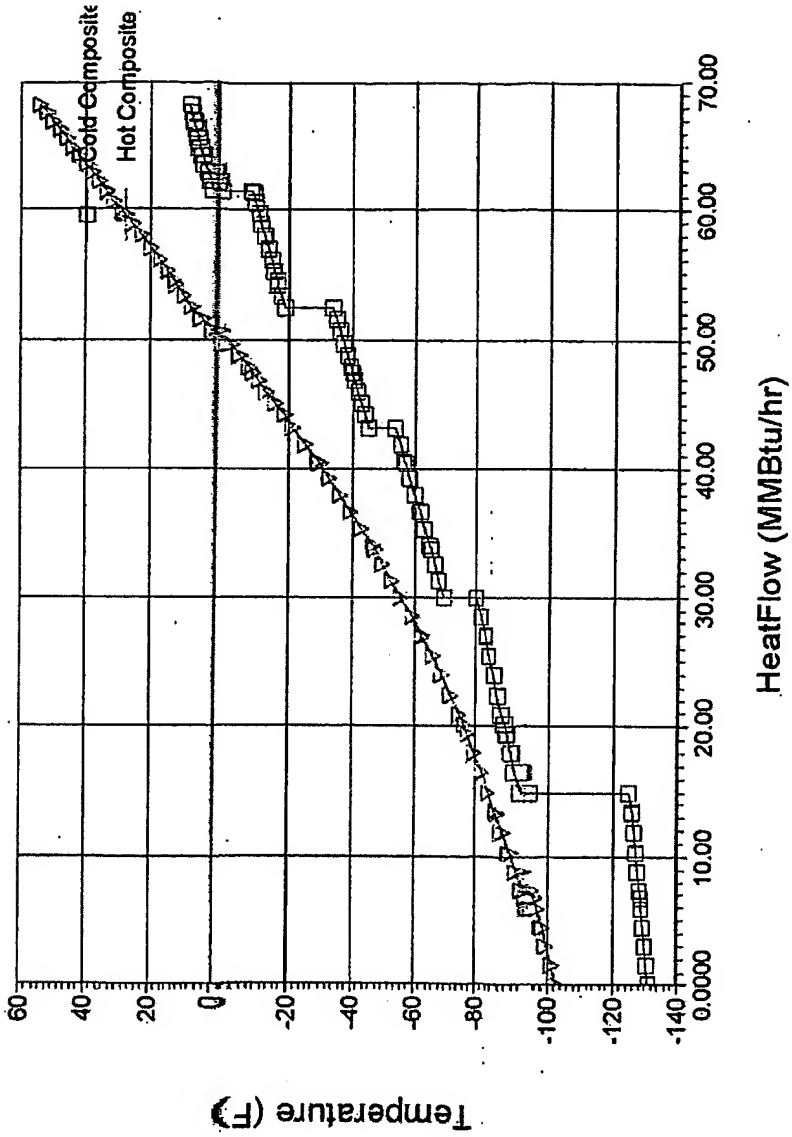
Cold Composite
Hot Composite
60
40
20
0
-20
-40
-60
-80
-100
-120
-140
Temperature (F)
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.0000
HeatFlow (MMBtu/hr)

Figure 5